



Pra titioner's Docket No. MSU 4.1-553

1754/11 ✓
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Thomas J. Pinnavaia, Zhaorong Zhang and
Randall Hicks
Application No.: 09 /917,147 Group No.: 1754
Filed: July 27, 2001 Examiner: Peter J. Lish
For: MESOSTRUCTURED TRANSITION ALUMINAS

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TC 1700

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

AMENDMENT TRANSMITTAL

WARNING: Failure to file a complete response in compliance with § 1.135(c) leads to a reduction in patent term adjustment — See § 1.704(c)(7).

1. Transmitted herewith is an amendment for this application.

STATUS

2. Applicant Is

- a small entity. A statement:
 is attached.
 was already filed.

CERTIFICATION UNDER 37 C.F.R. §§ 1.8(a) and 1.10*

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37 C.F.R. § 1.8(a)

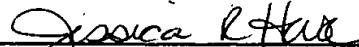
37 C.F.R. § 1.10

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Signature

Jessica R. House

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* Only the date of filing (§ 1.6) will be the date used in a patent term adjustment calculation, although the date on any certificate of mailing or transmission under § 1.8 continues to be taken into account in determining timeliness. See § 1.703(f). Consider "Express Mail Post Office to Addressee" (§ 1.10) or facsimile transmission (§ 1.6(d)) for the reply to be accorded the earliest possible filing date for patent term adjustment calculations.

FEE FOR CLAIMS

4. The fee for claims (37 C.F.R. § 1.16(b)-(d)) has been calculated as shown below:

(Col. 1)	(Col. 2)	(Col. 3)	SMALL ENTITY	OTHER THAN A SMALL ENTITY
CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NO PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADDT. FEE OR RATE ADDT. FEE
TOTAL * 7	MINUS ** 26	= -0-	x\$9 = \$ 0.00	x\$18 = \$
INDEP. * 3	MINUS *** 10	= -0-	x\$43 = \$ 0.00	x\$86 = \$
□ FIRST PRESENTATION OF MULTIPLE DEP. CLAIM		-0-	+ \$145 = \$ 0.00	+ \$290 = \$
			TOTAL ADDT. FEE \$ 0.00	OR TOTAL ADDT. FEE \$

- * If the entry in Col. 1 is less than entry in Col. 2, write "0" in Col. 3.
- ** If the "Highest No. Previously Paid for" IN THIS SPACE is less than 20, enter "20."
- *** If the "Highest No. Previously Paid For" IN THIS SPACE is less than 3, enter "3."
- The "Highest No. Previously Paid For" (Total or Indep.) is the highest number found in the appropriate box in Col. 1 of a prior amendment or the number of claims originally filed.

WARNING: "After final rejection or action (§ 1.113) amendments may be made cancelling claims or complying with any requirement of form which has been made." 37 C.F.R. § 1.116(a) (emphasis added).

(complete (c) or (d), as applicable)

(c) No additional fee for claims is required.

OR

(d) Total additional fee for claims required \$ _____

FEE PAYMENT

- Attached is a check money order in the amount of \$ 55.00 _____
- Authorization is hereby made to charge the amount of \$ _____
 - to Deposit Account No. _____
 - to Credit card as shown on the attached credit card information authorization form PTO-2038.

WARNING: Credit card information should not be included on this form as it may become public.

Charge any additional fees required by this paper or credit any overpayment in the manner authorized above.

A duplicate of this paper is attached.

(Amendment Transmittal [9-19]—page 3 of 4)

FEE DEFICIENCY

NOTE: If there is a fee deficiency and there is no authorization to charge an account, additional fees are necessary to cover the additional time consumed in making up the original deficiency. If the maximum, six-month period has expired before the deficiency is noted and corrected, the application is held abandoned. In those instances where authorization to charge is included, processing delays are encountered in returning the papers to the PTO Finance Branch in order to apply these charges prior to action on the cases. Authorization to charge the deposit account for any fee deficiency should be checked. See the Notice of April 7, 1986, (1065 O.G. 31-33).

6. If any additional extension and/or fee is required, charge Account
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AND/OR

- If any additional fee for claims is required, charge Account
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SIGNATURE OF PRACTITIONER

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Attorney Docket No. MSU 4.1-553
Appl. No. 09/917,147
Amdt. Dated: January 22, 2004
Reply to Office Action of 10/22/2003

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TC 1700

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appln. No. : 09/917,147 Confirmation No. 1331

Applicants : Thomas J. Pinnavaia, Zhaorong Zhang
And Randall Hicks

Filed : July 27, 2001

Title : MESOSTRUCTURED TRANSITION ALUMINAS

TC/A.U. : 1754

Examiner : Peter J. Lish

Docket No. : MSU 4.1-553

Customer No. : 21036

MAIL STOP AMENDMENT (FEE)
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AMENDMENT UNDER 37 CFR 1.111

Sir:

In response to the Office Action mailed October 22, 2003, Applicants amend and remark as follows:

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks/Arguments begin on page 17 of this paper.